

NETWORK SYSTEM, SWITCH AND SERVER

Publication number: JP2001053776

Publication date: 2001-02-23

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Classification:

- international: H04L12/24; H04L12/46; H04L12/24; H04L12/46; (PC1-7); H04L12/44; H04L12/56

- european: H04L12/24E1; H04L12/24E3; H04L12/46V

Application number: JP19990223212 19990806

Priority number(s): JP19990223212 19990806

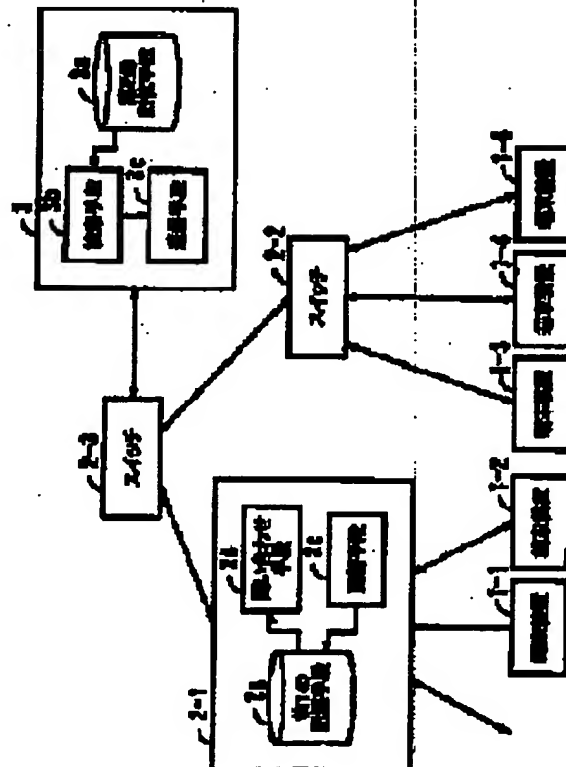
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U86873602 (B1)

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Abstract of JP2001053776

PROBLEM TO BE SOLVED: To provide a network system without needing any change of a VLAN definition even when a terminal device is moved, added or eliminated by automatically setting VLAN at the time of moving or adding the terminal device. **SOLUTION:** In a terminal device 1-5 is moved to followers of a switch 2-1 from followers of a switch 2-2, the switch 2-1 detects that this terminal device 5-1 is not registered as a terminal device under the switch 2-1 and inquires a server 3 by an inquiring means 2b by receiving a frame transmitted from the terminal device 1-5 and comparing it with a VLAN definition table stored in a first storage means 2a. In the server 3, it is detected that the terminal device 5-1 is moved from under the switch 2-2 and the VLAN belonging there is detected by a retrieval means 3b retrieving a second storage means 3a, and the result is imparted to the switch 2-1 by a transmission means 3c. In the switch 2-1, the information from the server 3 is received and registered contents of the VLAN definition table stored in the first storage means 2a are changed.



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8/10/2006

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